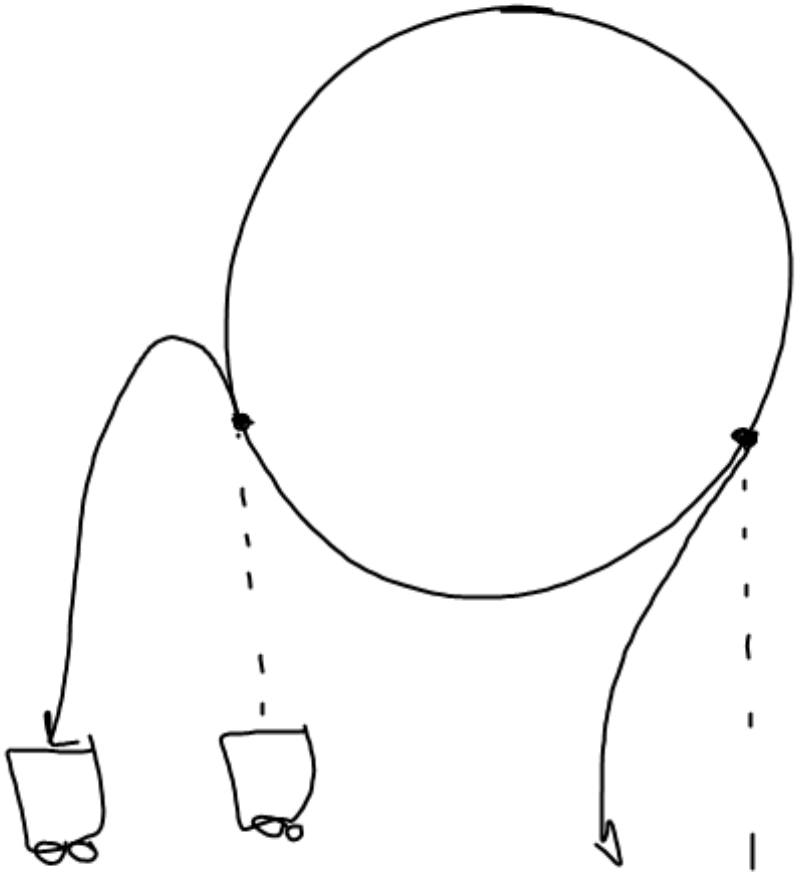
M	T	W	Th	F
6.1-6.3	6.4 Quiz	Review	Work Day	• Test • Ferris Wheel Due

M	T	W	Th
Final Review	Final Review	Finals 1-3	5-7



5π ~~~ t

↓

drop

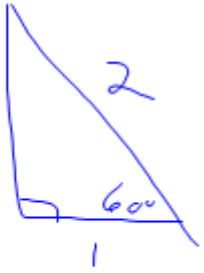
Final Write Up

- Problem Statement – reword the problem in your own words
- Your solution → "you should wait ___ seconds before dropping the dart"
- Explanation of how you found your solution (be detailed)
- Why answer is reasonable

- Sect. 6.1 #69-74
- Sect. 6.2 #38, 39, 47, 48
- Sect. 6.3 Read Examples #1-4

  Do #1, 2, 7-11, 13-15, 20, 28, 40

$\sec(\sec^{-1}(2)) = 2$



$\sin^{-1}(\sin 60°)$

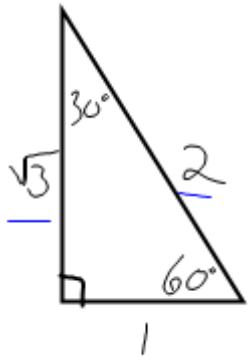
$\sin^{-1}\left(\frac{\sqrt{3}}{2}\right) = 60°$

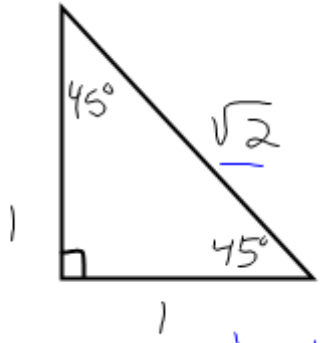
$\sin^{-1}(\sin 120)$

$\sin^{-1}\left(\frac{\sqrt{3}}{2}\right) = 60°$

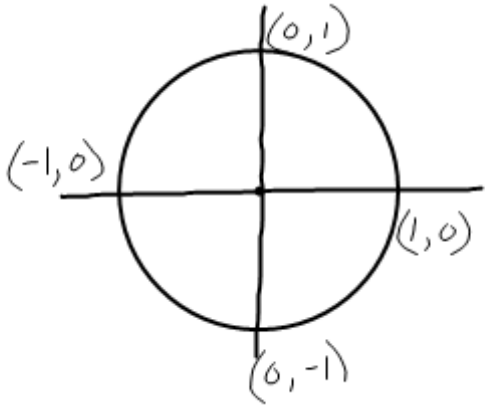
$\sin^{-1}(x)$ multiple answers

$\sin^{-1}(x)$ - single answer function





tan 1, -1



cos
sin
0, 1, -1

$\sin^{-1}\left(\frac{1}{2}\right) = 30°$

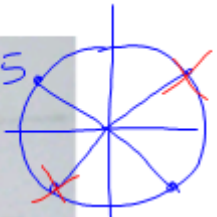
$\arccos\left(\frac{\sqrt{3}}{2}\right) = 30°$

$\arctan\left(\sqrt{3}\right) = 60°$

$\sin^{-1}(0) = 0°$

$\cos^{-1}(1) = 0°$

$\tan^{-1}(-1)$ $-45°$, $315°$
$135°$



$\text{arcsec}(-2) = 120°$
$240°$

$\cos^{-1}\left(\frac{1}{2}\right) = 60°$

$\sin^{-1}\left(\frac{\sqrt{2}}{2}\right) = 45°$

$\tan^{-1}(0) = \frac{y}{x} = \frac{0}{} = 0°$